

STATE OF WASHINGTON STATE BUILDING CODE COUNCIL

Washington State Energy Code Development **Standard Energy Code Proposal Form**

May 2018

			Log No. WSEC-R09 Revised 5/3	
Code being amended:	Commercial Provisions	Residential Prov		
Code Section # R403.7.1 Ele	ectric resistance zone heate	d units.		
Brief Description: Add required heat pump and a programm	· -		ermostat to control ductless mini-split as 2Kw or larger.	
Proposed code change text: new text and strikeout for to		n the Integrated Draft,	linked above, and then use <u>underline</u> for	
dwellings (townhouses) up to source shall install an invertous thermostat, in the largest zo	to three stories in height abour of the contract of the contra	ove grade plan using e heat pump, <u>controlled</u> ms with zonal electric	mily dwellings and multiple single-family lectric zonal heating as the primary heat d by a programmable or smart heat pump heating capacity of 2Kw or larger shall be shall specify the heating equipment type	
 Zonal electric units occupant is sensed: 	for a period of up to 30 minu	ensor that is capable outes.	f shutting the system off when no pable of operating the system for no more	
Purpose of code change:				
To provide additional saving	s for both heating and cooli	ng energy in dwelling	units using these systems.	
Your amendment must mee	t one of the following criter	ia. Select at least one:		
Addresses a critical life/safety need.		Consisten	Consistency with state or federal regulations.	
 The amendment clarifies the intent or application of the code. Addresses a specific state policy or statute. (Note that energy conservation is a state policy) 			Addresses a unique character of the state. Corrects errors and omissions.	
Check the building types that	nt would be impacted by you	ır code change:		
Single family/duplex/townhome			Institutional	
Multi-family 1 − 3 stories	S Commerc	cial / Retail	Industrial	



STATE BUILDING CODE COUNCIL

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Other contact name Click here to enter text.

<u>Instructions</u>: Send this form as an email attachment, along with any other documentation available, to: sbcc@des.wa.gov. For further information, call the State Building Code Council at 360-407-9278.

Economic Impact Data Sheet

Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants and businesses.

Slight upfront cost to provide and/or install a programmable or smart thermostat, but will result in additional heating and cooling energy savings.

Provide your best estimate of the construction cost (or cost savings) of your code change proposal? (See OFM Life Cycle Cost Analysis tool and Instructions; use these Inputs. Webinars on the tool can be found Here and Here)

\$Click here to enter text./square foot (For residential projects, also provide \$50-\$150/ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

Internet search shows costs in this range for programmable and smart thermostats.

Provide your best estimate of the annual energy savings (or additional energy use) for your code change proposal?

Click here to enter text.KWH/ square foot (or) Click here to enter text.KBTU/ square foot

(For residential projects, also provide Click here to enter text.KWH/KBTU / dwelling unit)

Show calculations here, and list sources for energy savings estimates, or attach backup data pages

Estimate 5%-10% energy cost savings associated with heating and cooling. Internet search shows savings higher than this for programmable and smart thermostats. This should be a conservative estimate.

List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application: